

23520

PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only	
PCT/BR2005/000018	
International Application No.	
11 FEB 2005 11 02 05	
International Filing Date	
... BRAZIL-PCT INTERNATIONAL APPLICATION	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference (if desired) (12 characters maximum)	

Box No. I	TITLE OF INVENTION COMPUTER ORIENTED WAY DEVICE BY THREE-DI-MENSIONAL IMAGE.			
Box No. II	APPLICANT <input checked="" type="checkbox"/> This person is also inventor			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)		Telephone No.		
VASONE RODOLFO Eng <sup>o</sup> . Guimarães Valadao, 15 Cidade Jardim São Paulo - SP - PC 05671-010 - Brazil		Facsimile No.		
		Teleprinter No.		
		Applicant's registration No. with the Office		
State (that is, country) of nationality: Brazil		State (that is, country) of residence: Brazil		
This person is applicant for the purposes of:		<input checked="" type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box		
Box No. III	FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)		This person is:		
		<input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)		
		Applicant's registration No. with the Office		
State (that is, country) of nationality:		State (that is, country) of residence:		
This person is applicant for the purposes of:		<input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box		
<input type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.				
Box No. IV	AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE			
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:		<input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)		Telephone No.		
NELSON IVAN IBÁÑEZ FAUNDEZ		55-11-50963006		
Rua Acruás 77 Vila Congonhas -São Paulo		Facsimile No.		
SP 04612-090 - Brazil		55-11-55436646		
		Teleprinter No.		
		Agent's registration No. with the Office		
<input checked="" type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.				

**PCT****POWER OF ATTORNEY***(for an international application filed under the Patent Cooperation Treaty)**(PCT Rule 90.4)*

The undersigned applicant(s) *(Names should be indicated as they appear in the request):*

VASONE RODOLFO  
ENGº GUIMARAES VALADÃO, 15 CIDADE JARDIM - SÃO PAULO-SP - PC :05671-010 - BRAZIL

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

*(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

NELSON IVAN IBAÑEZ FAUNDEZ  
RUA ACRUÁS 77 - VILA CONGONHAS- SÃO PAULO - SP - 04612-090 - BRAZIL

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

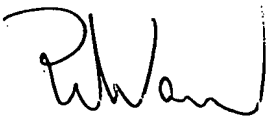
Title of the invention: **COMPUTING ROUTE ADVISER BY TRIDIMENSIONAL IMAGE**

Applicant's or agent's file reference:

International application number (if already available):

filed with the following Office \_\_\_\_\_ as receiving Office  
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) *(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):*



RODOLFO VASONE

Date: São Paulo, February, 04 2005

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: RODOLFO VASONE .....

Residence: Engº Guimarães Valadão, 15 Cidade Jardim-São Paulo-SP .....

(city and either US state, if applicable, or country) Brazil.

Mailing Address: .....

Citizenship: Brazilian .....

Inventor's Signature: R. Vasone .....

(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 04 February 2005 .....

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: .....

Residence: .....

(city and either US state, if applicable, or country)

Mailing Address: .....

Citizenship: .....

Inventor's Signature: .....

(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

**Box No. V • DESIGNATION OF STATES**

Mark the applicable check-boxes below; at least one must be marked.

The following designations are hereby made under Rule 4.9(a):

**Regional Patent**

- ☒ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....
- ☒ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT .....
- ☒ **EP European Patent:** AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT .....
- ☒ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....

**National Patent** (if other kind of protection or treatment desired, specify on dotted line):

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> AE United Arab Emirates               | <input checked="" type="checkbox"/> GM Gambia                                    | <input checked="" type="checkbox"/> NZ New Zealand                      |
| <input checked="" type="checkbox"/> AG Antigua and Barbuda                | <input checked="" type="checkbox"/> HR Croatia                                   | <input checked="" type="checkbox"/> OM Oman                             |
| <input checked="" type="checkbox"/> AL Albania                            | <input checked="" type="checkbox"/> HU Hungary                                   | <input checked="" type="checkbox"/> PH Philippines                      |
| <input checked="" type="checkbox"/> AM Armenia                            | <input checked="" type="checkbox"/> ID Indonesia                                 | <input checked="" type="checkbox"/> PL Poland                           |
| <input checked="" type="checkbox"/> AT Austria                            | <input checked="" type="checkbox"/> IL Israel                                    | <input checked="" type="checkbox"/> PT Portugal                         |
| <input checked="" type="checkbox"/> AU Australia                          | <input checked="" type="checkbox"/> IN India                                     | <input checked="" type="checkbox"/> RO Romania                          |
| <input checked="" type="checkbox"/> AZ Azerbaijan                         | <input checked="" type="checkbox"/> IS Iceland                                   | <input checked="" type="checkbox"/> RU Russian Federation               |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina             | <input checked="" type="checkbox"/> JP Japan                                     |   |
| <input checked="" type="checkbox"/> BB Barbados                           | <input checked="" type="checkbox"/> KE Kenya                                     | <input checked="" type="checkbox"/> SC Seychelles                       |
| <input checked="" type="checkbox"/> BG Bulgaria                           | <input checked="" type="checkbox"/> KG Kyrgyzstan                                | <input checked="" type="checkbox"/> SD Sudan                            |
| <input checked="" type="checkbox"/> BR Brazil                             | <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea     | <input checked="" type="checkbox"/> SE Sweden                           |
| <input checked="" type="checkbox"/> BY Belarus                            | <input checked="" type="checkbox"/> KR Republic of Korea                         | <input checked="" type="checkbox"/> SG Singapore                        |
| <input checked="" type="checkbox"/> BZ Belize                             | <input checked="" type="checkbox"/> KZ Kazakhstan                                | <input checked="" type="checkbox"/> SK Slovakia                         |
| <input checked="" type="checkbox"/> CA Canada                             | <input checked="" type="checkbox"/> LC Saint Lucia                               | <input checked="" type="checkbox"/> SL Sierra Leone                     |
| <input checked="" type="checkbox"/> CH & LI Switzerland and Liechtenstein | <input checked="" type="checkbox"/> LK Sri Lanka                                 | <input checked="" type="checkbox"/> TJ Tajikistan                       |
| <input checked="" type="checkbox"/> CN China                              | <input checked="" type="checkbox"/> LR Liberia                                   | <input checked="" type="checkbox"/> TM Turkmenistan                     |
| <input checked="" type="checkbox"/> CO Colombia                           | <input checked="" type="checkbox"/> LS Lesotho                                   | <input checked="" type="checkbox"/> TN Tunisia                          |
| <input checked="" type="checkbox"/> CR Costa Rica                         | <input checked="" type="checkbox"/> LT Lithuania                                 | <input checked="" type="checkbox"/> TR Turkey                           |
| <input checked="" type="checkbox"/> CU Cuba                               | <input checked="" type="checkbox"/> LU Luxembourg                                | <input checked="" type="checkbox"/> TT Trinidad and Tobago              |
| <input checked="" type="checkbox"/> CZ Czech Republic                     | <input checked="" type="checkbox"/> LV Latvia                                    |   |
| <input checked="" type="checkbox"/> DE Germany                            | <input checked="" type="checkbox"/> MA Morocco                                   | <input checked="" type="checkbox"/> TZ United Republic of Tanzania      |
| <input checked="" type="checkbox"/> DK Denmark                            | <input checked="" type="checkbox"/> MD Republic of Moldova                       | <input checked="" type="checkbox"/> UA Ukraine                          |
| <input checked="" type="checkbox"/> DM Dominica                           | <input checked="" type="checkbox"/> MG Madagascar                                | <input checked="" type="checkbox"/> UG Uganda                           |
| <input checked="" type="checkbox"/> DZ Algeria                            | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia | <input checked="" type="checkbox"/> US United States of America         |
| <input checked="" type="checkbox"/> EC Ecuador                            | <input checked="" type="checkbox"/> MN Mongolia                                  |   |
| <input checked="" type="checkbox"/> EE Estonia                            | <input checked="" type="checkbox"/> MW Malawi                                    | <input checked="" type="checkbox"/> UZ Uzbekistan                       |
| <input checked="" type="checkbox"/> ES Spain                              | <input checked="" type="checkbox"/> MX Mexico                                    | <input checked="" type="checkbox"/> VC Saint Vincent and the Grenadines |
| <input checked="" type="checkbox"/> FI Finland                            | <input checked="" type="checkbox"/> MZ Mozambique                                | <input checked="" type="checkbox"/> VN Viet Nam                         |
| <input checked="" type="checkbox"/> GB United Kingdom                     | <input checked="" type="checkbox"/> NO Norway                                    | <input checked="" type="checkbox"/> YU Yugoslavia                       |
| <input checked="" type="checkbox"/> GD Grenada                            |  | <input checked="" type="checkbox"/> ZA South Africa                     |
| <input checked="" type="checkbox"/> GE Georgia                            |  | <input checked="" type="checkbox"/> ZM Zambia                           |
| <input checked="" type="checkbox"/> GH Ghana                              |  | <input checked="" type="checkbox"/> ZW Zimbabwe                         |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

<input type="checkbox"/> .....	<input type="checkbox"/> .....	<input type="checkbox"/> .....
<input type="checkbox"/> .....	<input type="checkbox"/> .....	<input type="checkbox"/> .....

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1)				
item (2)				
item (3)				
item (4)				
item (5)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☐ all items    ☐ item (1)    ☐ item (2)    ☐ item (3)    ☐ item (4)    ☐ item (5)    ☐ other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): .....

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / USA .....

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of  
declarations

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Box No. VIII (i)   | Declaration as to the identity of the inventor   | : |
| <input type="checkbox"/> Box No. VIII (ii)  | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | : |
| <input type="checkbox"/> Box No. VIII (iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |
| <input type="checkbox"/> Box No. VIII (iv)  | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | : |
| <input type="checkbox"/> Box No. VIII (v)   | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | : |

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:

(a) in paper form, the following number of sheets:

request (including declaration sheets) : 06

description (excluding sequence listings and/or tables related thereto) : 04

claims : 01

abstract : 01

drawings : 02

Sub-total number of sheets : 12

sequence listings

tables related thereto

(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)

Total number of sheets : 12

(b) ☐ only in computer readable form (Section 801(a)(i))(i) ☐ sequence listings(ii) ☐ tables related thereto(c) ☐ also in computer readable form (Section 801(a)(ii))(i) ☐ sequence listings(ii) ☐ tables related thereto

Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the

☐ sequence listings: .....☐ tables related thereto: .....

(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)

This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):

Number of items

1. ☐ fee calculation sheet2. ☐ original separate power of attorney3. ☒ original general power of attorney4. ☐ copy of general power of attorney; reference number, if any: .....5. ☐ statement explaining lack of signature6. ☐ priority document(s) identified in Box No. VI as item(s): .....7. ☐ translation of international application into (language): .....8. ☐ separate indications concerning deposited microorganism or other biological material9. ☐ sequence listings in computer readable form (indicate type and number of carriers)(i) ☐ copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)(ii) ☐ (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter(iii) ☐ together with relevant statement as to the identity of the copy or copies with the sequence listings mentioned in left column10. ☐ tables in computer readable form related to sequence listings (indicate type and number of carriers)(i) ☐ copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)(ii) ☐ (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)(iii) ☐ together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column11. ☐ other (specify): .....

Figure of the drawings which should accompany the abstract:

Language of filing of the international application:

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

**NELSON IVAN A. IBÁÑEZ FAUNDEZ**  
 Agente Propriedade Industrial  
 API n.º 1054

For receiving Office use only

1. Date of actual receipt of the purported international application:

11 FEB 2005 11 02 05

3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:

4. Date of timely receipt of the required corrections under PCT Article 11(2):

5. International Searching Authority (if two or more are competent): ISA / USA

6. ☐ Transmittal of search copy delayed until search fee is paid

2. Drawings:

☐ received:☐ not received:

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

10/568199

IAP20 Rec'd PCT/PTO 10 FEB 2006

## "COMPUTER ORIENTED WAY DEVICE BY THREE-DIMENSIONAL IMAGE"

### 1.- PURPOSE

The present Descriptive Report refers to an innovative program which purpose is the real simulation of the shortest and better way to be crossed by the user, from the point where the equipment for consulting is located up to the place chosen for the user himself, by means of a three-dimensional image that accurately reproduces the whole structure of the environment in which the user is traveling.

### 2.- FIELD OF THE INVENTION

This patent belongs to the field of computer science, being applicable in different areas, such as shopping centers, museums, big stores, supermarkets, companies, houses of entertainment, theaters, fairs, events, among others, being endowed with innovative concepts, that allow to improve the search and the location of the users inside the big commercial, industrial or similar points, compared to other usually found in the market, these based on pamphlets, maps, signs or sound indications.

There is, therefore, in the current request of patent, a projected and developed device with the highest technology, to get enormous feasibility and efficiency, making possible to be applied in real time, showing the user where the products for him searched are located, the pieces and works of art (in the museum case), the chairs or tables (in the case of houses of entertainment), departments (in the case of companies), among other innumerable examples, awakening the fidelity of the consumer.

### 3.- BACKGROUND OF THE INVENTION

The constructed environments destined to the commercial activities are projected differently from the common room, due to rising requirement of places that help with a high dynamic and allow a greater amount and movement of people. Besides this, the commerce, the cultural

and mercantile activities are divided into some areas of activities, being joined according to the requirements and necessities for the attendance the consuming public.

5 In the current building processes of the great shopping centers, for example, the main activities are related to personal interests, such as clothes, feeding, tourism, furniture, fun and entertainment, in a compatible logistic to the common areas.

10 In the case of cultural events in museums and fairs of expositions, the items presented are commanded by chronological or authorial form.

Therefore, the system of physical distribution of the stores, items, etc, is changeable and peculiar for each situation, becoming it into an unexpected search on the part of the interested parties.

15 This fact, consequently, generates discomfort and difficulty to the users, due to the enormous volume and existing varieties of items of interest inside of the shopping center, museums and similar ones.

20 As a way of brighten up the situation, the usual form of searching departments, stores, items in exposition, numbered seats and strategic points, such as point of medical and sanitary attendance and exits of emergency, is made through visual or sonorous indications, by maps, plans, brochures and point of information, however, those dispositions are uncomfortable or difficult of being used, for example: the visual indications point the direction to be followed by the user, however they are restricted to the basic codes of classification, such as feeding square, clothes, parking, exit, information, among other headings, not accurately specifying the desired place, compelling the user to search by means of trial and error, inside the whole group; the sonorous indications point the direction to be followed by the user by means of voice, however imperceptible when the place contains sonorous noises that hide the sound of the emitting source of the

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information; maps and pamphlets, which dimensions most of the time are limited and insufficient to place all the useful information for the localization of the points of interest of the user.

5 It was thinking about these inconveniences that, after innumerable research and studies, the inventor, a person related to the field, created and developed the object of the current patent, idealizing a program of three-dimensional simulation where not only the mechanical and functional qualities had been considered in the project of its manufacture, but also the form, the disposal and the localization of its  
10 parts and components that, correctly located, had brought an increase of efficiency without any cost.

Thus, the current patent was projected aiming at getting a device with less possible number of parts, conveniently configured and arranged to allow the program of three-dimensional simulation to play its  
15 functions with unequal efficiency and versatility, without the already mentioned inconveniences and making possible the easy localization of items of interest of the user.

#### 4.- BRIEF DESCRIPTION OF THE INVENTION.

20 It is shown in the current request of patent, a practical and innovative model of program of three-dimensional simulation with all the aesthetic and functional qualities, projected and developed following the most modern techniques, making possible in this way its more varied use, in different cases.

25 It is of understanding that the mentioned device is extremely simple in its construction, being, therefore, of easy feasibility, however, excellent practical and functional results are gotten, offering an innovative construction on the known models.

30 Idealized with innovative drawing, characteristic results in a harmonic set, of sufficiently peculiar aspect, and over all, being that, beyond the constructive aspect, the program is distinguished for its

versatility and comfort of use.

5 In relation to what was previously told, the  
"COMPUTER ORIENTED WAY DEVICE BY THREE-DIMENSIONAL  
IMAGE", object of the current patent, is characterized essentially for being  
constituted of a computer program, being installed in an electronic equipment  
endowed with monitor and a directive device of the icon of movement of the  
screen, by touch or voice, that possesses an instantaneous menu of search and  
searches the place of interest of the user, in different categories of search.

10 In this way, when the user informs the place of  
desired destination, the program generates a three-dimensional image  
about the shortest way to be covered by the user, from the consultation  
point to the chosen place, followed of notes about the shortest trajectory  
to be covered by means of an object in movement.

15 The program makes possible that the user  
executes the consultation in real time, illustrating instantaneously where the  
products he is looking for are situated, the pieces and works of art (in the  
museum case), the chairs or tables (in the case of houses of entertainment),  
departments (in the case of companies), among other innumerable items.

20 Moreover, the computer program could also be  
freely available for consultation in the world-wide net of computers or to be  
available in CD or similar superior or upper for free distribution between the  
customers.

25 Still, the program also makes possible to add  
promoting mechanisms that use audiovisual resources, as a way to call  
the attention of the customers and commercial, cultural and similar  
visitors of the great shopping centers, museums, fairs, events and many  
others.

30 It can thus be noticed that the current  
"COMPUTER ORIENTED WAY DEVICE BY THREE-DIMENSIONAL  
IMAGE", is characterized as a device of great utility, presenting all the

practical qualities and of feasibility that fully justifies the order of Patent of Invention.

#### 5.- CLAIMS.

5 1. "COMPUTER ORIENTED WAY DEVICE BY  
THREE-DIMENSIONAL IMAGE" which aim is to facilitate to the localization  
of departments, store, items in exposition, numbered seats and strategic  
points of great shopping centers, museums, big stores, supermarkets,  
companies, houses of entertainment, theaters, fairs, events, among others to  
be located, characterized for being constituted of a computer program,  
10 installed in an electronic equipment endowed with monitor and a directive  
device of the icon of movement of the screen, by touch or voice, that  
possesses an instantaneous menu of search and searches the place of  
interest of the user, in different categories of search, so that, when the user  
informs the place of desired destination, the program generates a three-  
15 dimensional image about the shortest and better way to be covered by the  
user, from the consultation point to the chosen place, followed of notes about  
the shortest trajectory to be covered by means of an object in movement.

2. "COMPUTER ORIENTED WAY DEVICE BY  
THREE-DIMENSIONAL IMAGE" according to claim 1, characterized by the  
20 computer program, installed in the electronic equipment, to make possible the  
consultation to be executed in real time, illustrating instantaneously where the  
products, places or items looked by the user are situated.

3. "COMPUTER ORIENTED WAY DEVICE BY  
THREE-DIMENSIONAL IMAGE" according to claim 1, characterized for  
25 the computer program to add promoting mechanisms that use audiovisual  
resources, as a way to call the attention the customers and visitors of the  
place where the electronic equipment contained in the program is installed.

4. "COMPUTER ORIENTED WAY DEVICE BY  
THREE-DIMENSIONAL IMAGE" according to claim 1, characterized for  
30 the computer program to make possible to be freely available for consultation

in the world-wide net of computers.

5 5. "COMPUTER ORIENTED WAY DEVICE BY THREE-DIMENSIONAL IMAGE" according to claim 1, characterized for the computer program to make possible to be available in CD or similar superior or upper for free distribution between the customers.

#### 6.- SUMMARY.

10 "COMPUTER ORIENTED WAY DEVICE BY THREE-DIMENSIONAL IMAGE", which aim is to be an innovative program that has for purpose the real simulation of the shortest and better way to be covered by the user from the point where the electronic equipment of consultation is located to the place chosen for the proper user, by means of a three-dimensional image that accurately reproduces the structure of the environment in which the present invention is installed, and also to be constituted of a computer program, installed in an  
15 electronic equipment endowed with monitor and a directive device of the icon of movement of the screen, by touch or voice, that it possesses a instant menu of search and it searches the place of interest of the user, in different categories of search, so that, when the user informs the place of desired destination, the program generates a three-dimensional image  
20 about the shortest way to be covered by the user, from the consultation point to the chosen place, followed of notes about the shortest trajectory to be covered by means of an object in movement.